

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
24 February 2005 (24.02.2005)

PCT

(10) International Publication Number  
WO 2005/018067 A1

(51) International Patent Classification<sup>7</sup>: H02G 1/08

(21) International Application Number:  
PCT/IB2004/002554

(22) International Filing Date: 9 August 2004 (09.08.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
2003/6252 13 August 2003 (13.08.2003) ZA

(71) Applicant and

(72) Inventor: HOLTZHAUSEN, John, Michael [ZA/ZA];  
28 Firmount Road, Somerset West, 7130 Western Cape  
Province (ZA).

(74) Agent: VON, SEIDEL, Michael; Jan S De Villiers, P.O.  
Box 1008, Stellenbosch, 7599 Western Cape Province  
(ZA).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,

AI, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

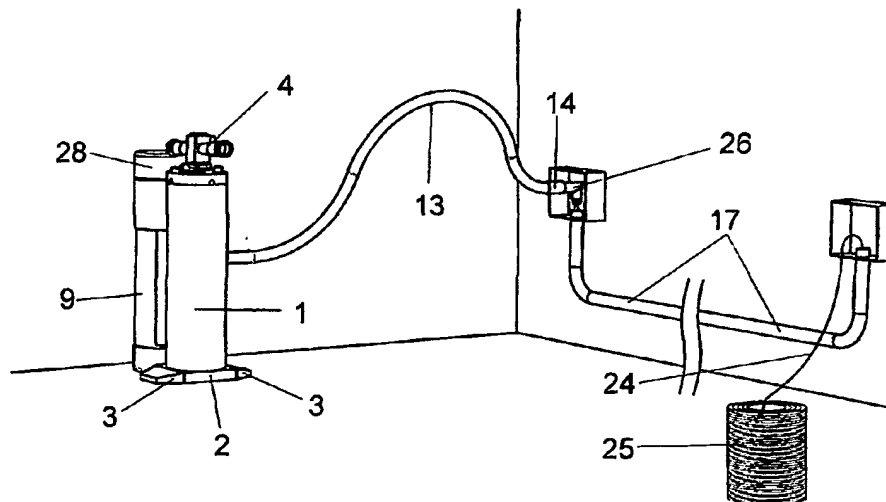
(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,  
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: A CONDUIT THREADING DEVICE AND METHOD



(57) Abstract: A conduit threading device is provided for passing a pull-cord (24) through a conduit (17) by imposing suction at one end of a conduit to draw a shuttle (16) having a zone of maximum diameter that is commensurate with the internal diameter of the conduit and that is introduced at the other end of the conduit, through the conduit. The conduit threading device includes a positive displacement pump (1), typically a hand operated piston and cylinder pump, having a suction inlet (14) generally at the end of a flexible suction pipe (13) configured for releasable attachment, by way of one of a selection of adapters, to an end of a conduit. Interposed between the pump and suction inlet is a separate collection chamber (9) for waste solids and liquids drawn into the suction inlet during use. The pull-cord is preferably a light weight polypropylene string, or the like.

WO 2005/018067 A1

REST AVAILABLE COPY